

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

FIG. 1

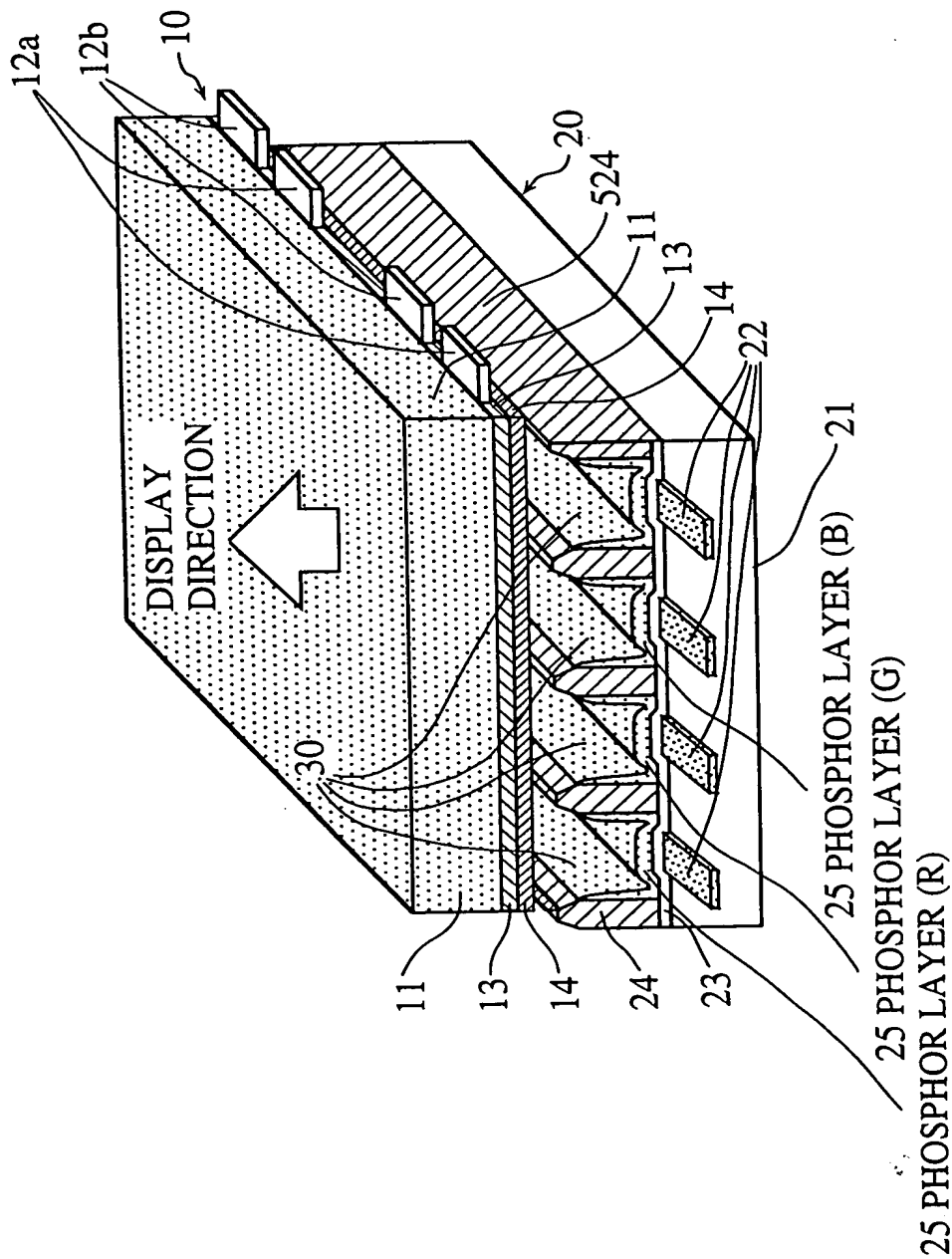


FIG.2

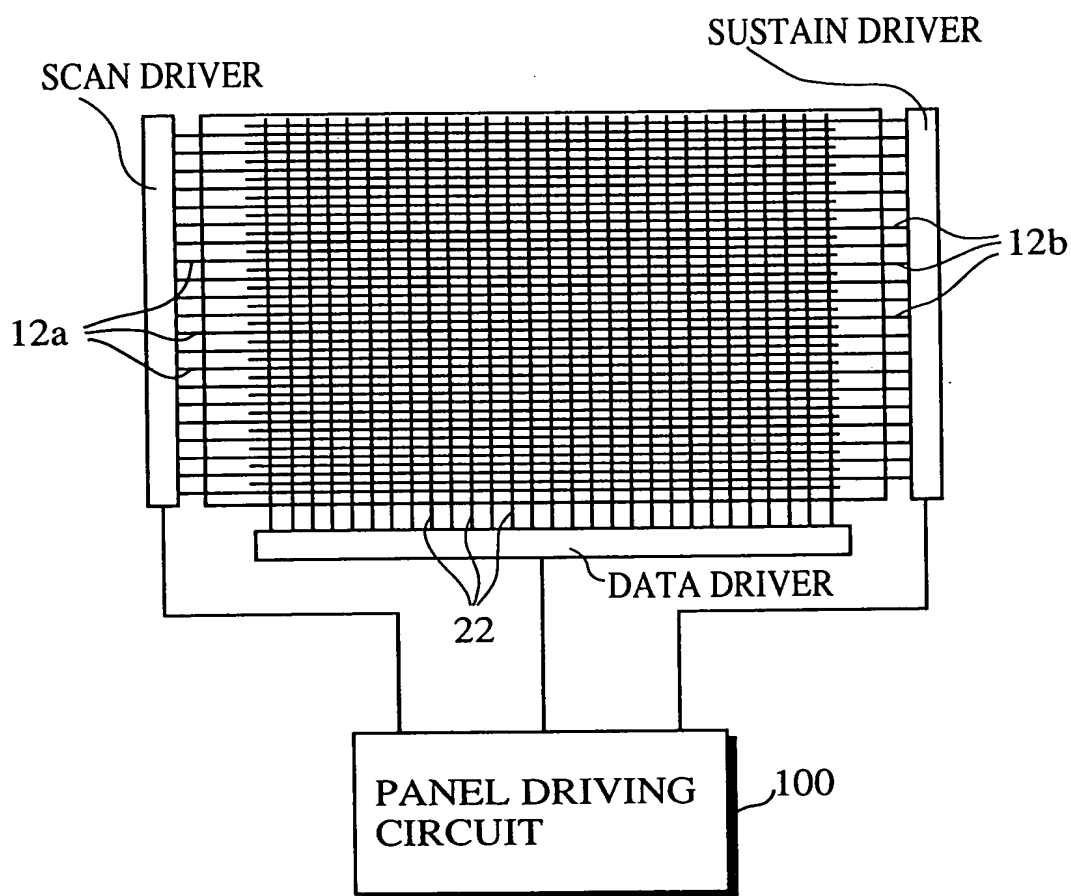


FIG.3

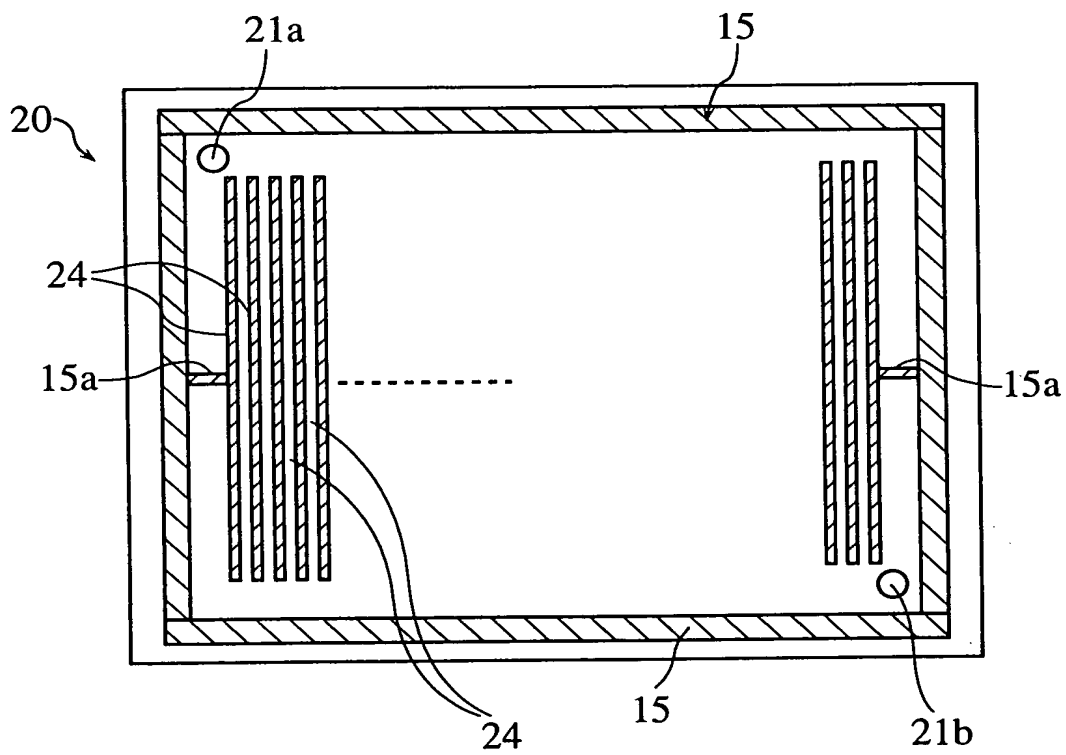
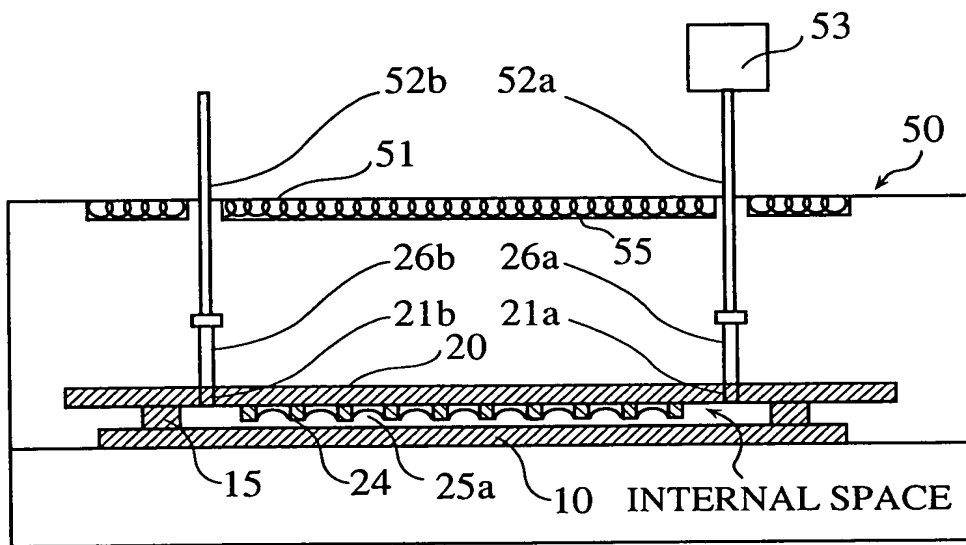


FIG.4



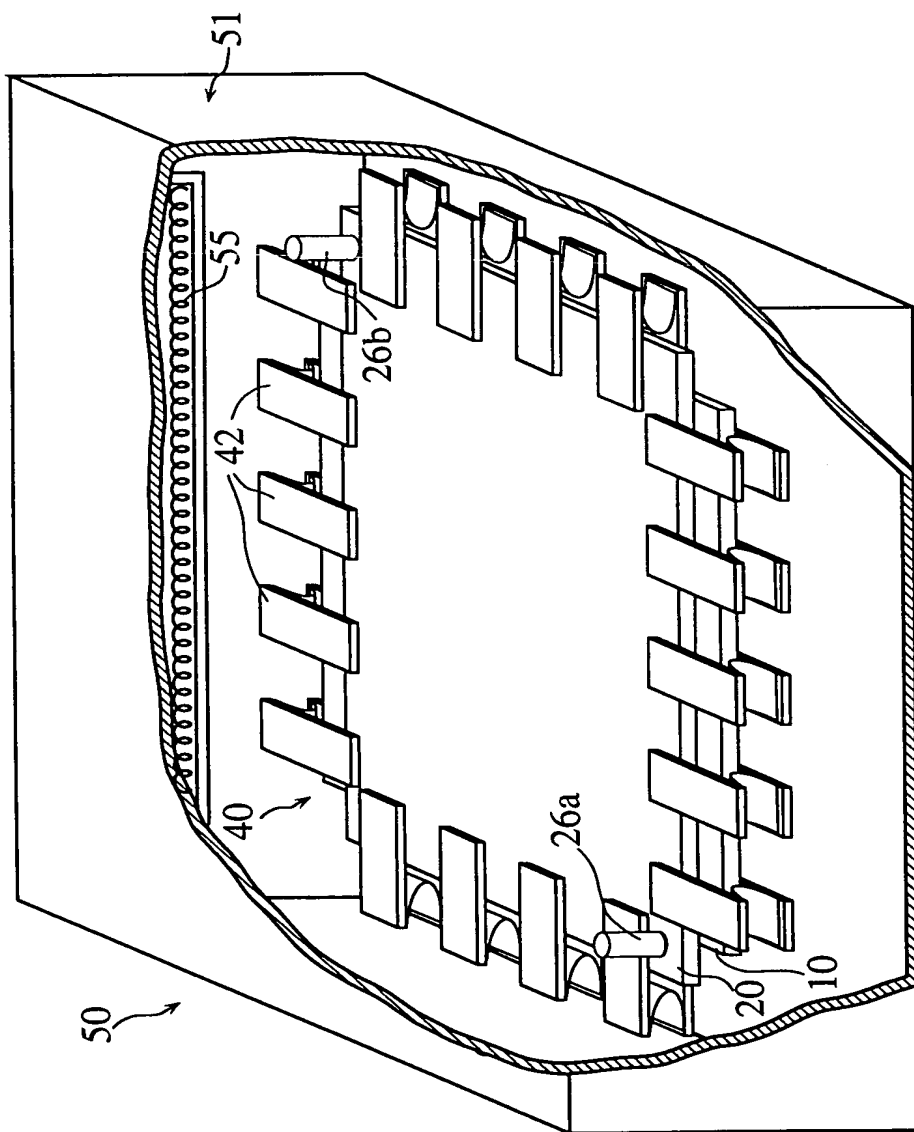


FIG. 5

FIG. 6

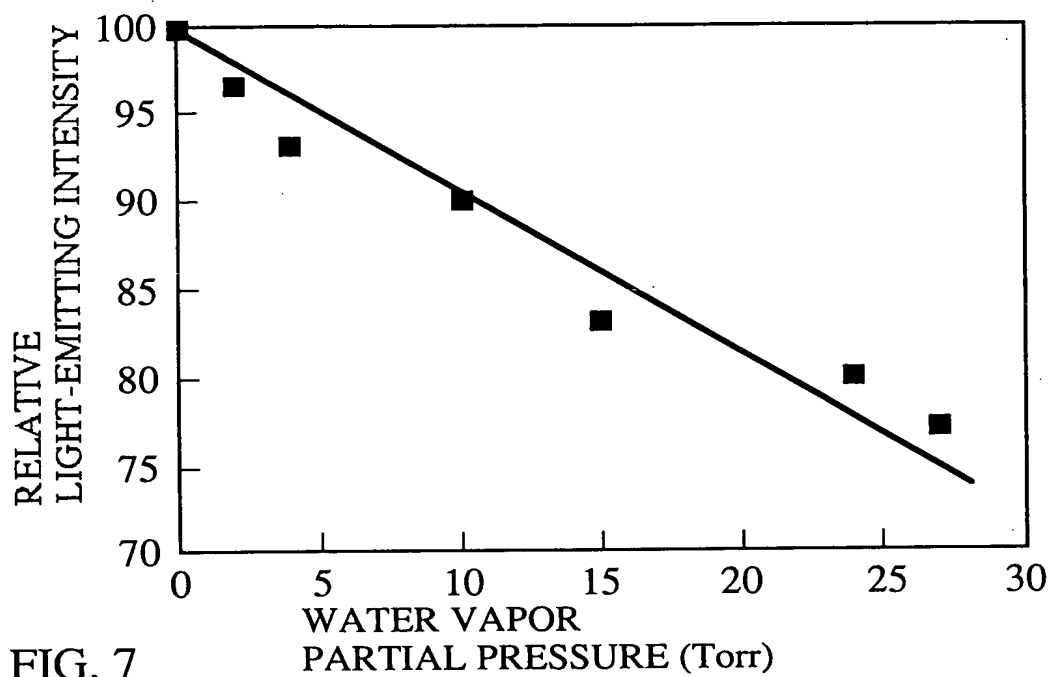


FIG. 7

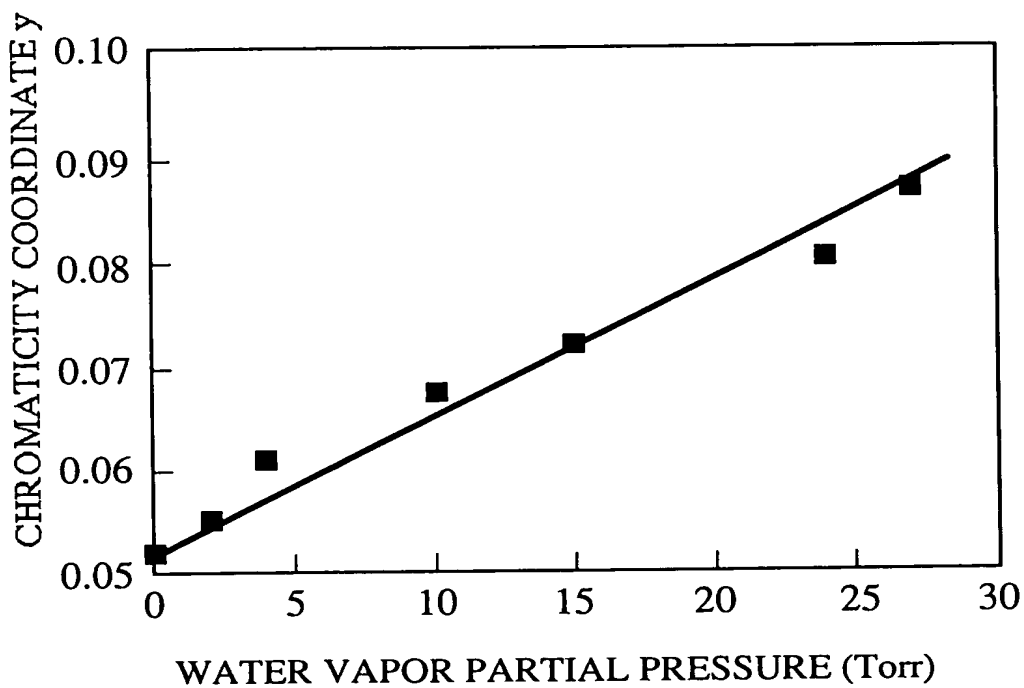


FIG. 8

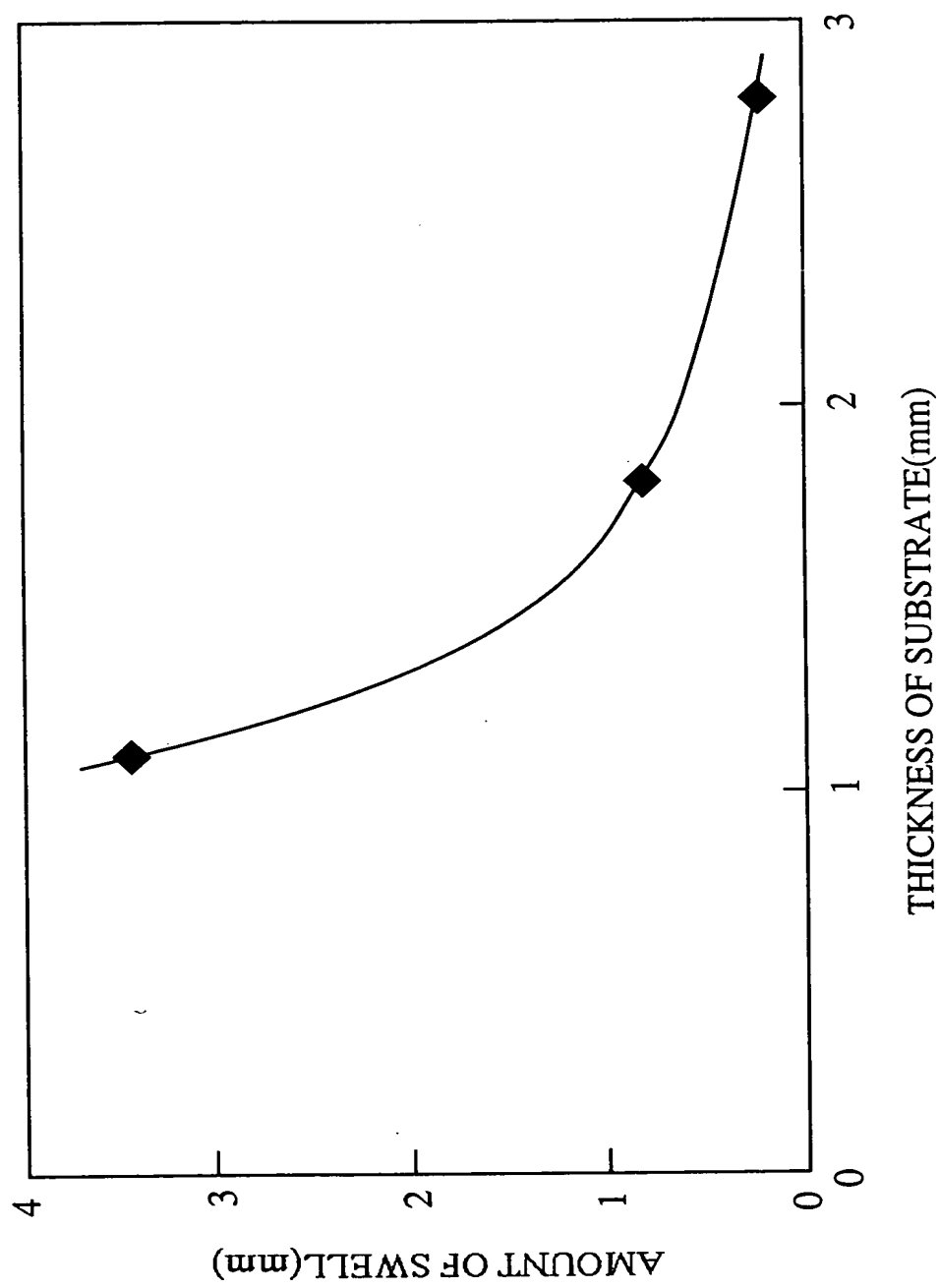


FIG. 9

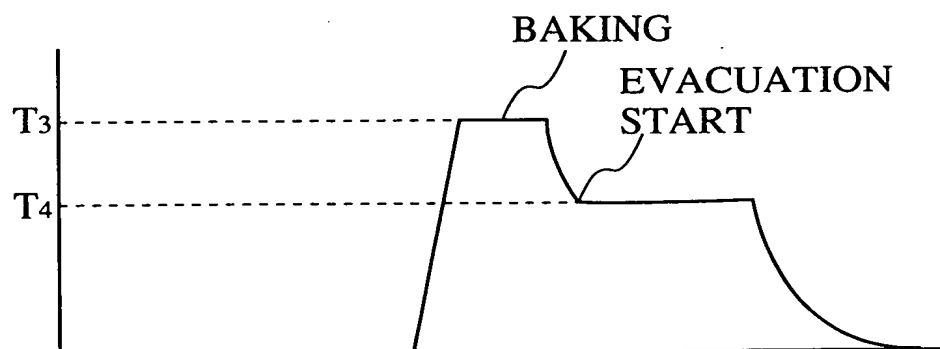


FIG. 10

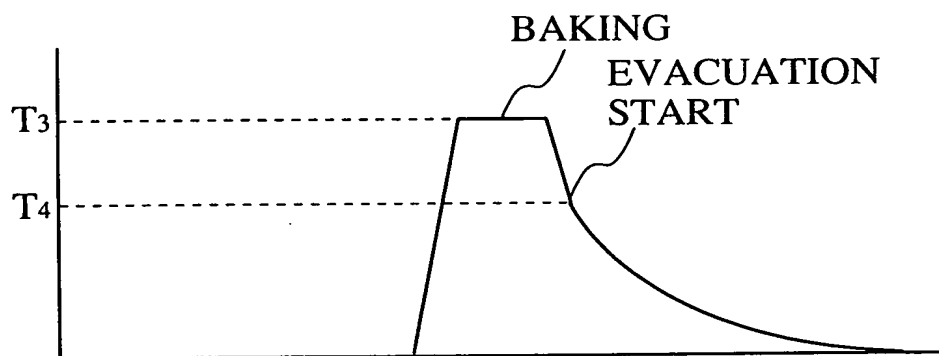


FIG. 11

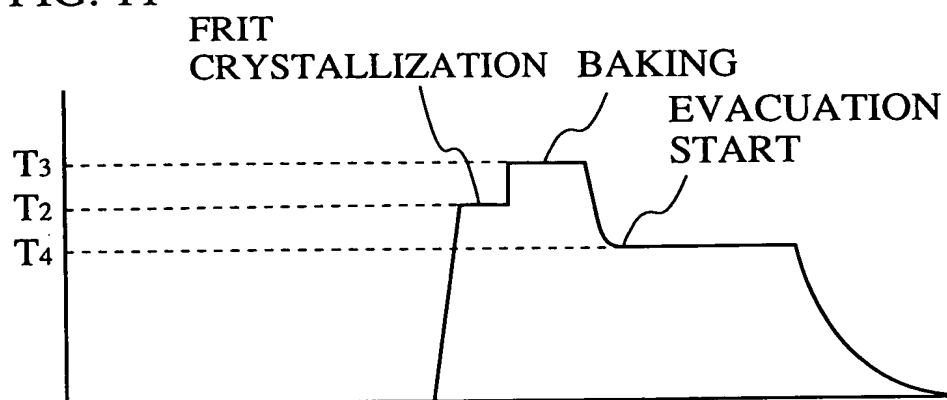


FIG. 12

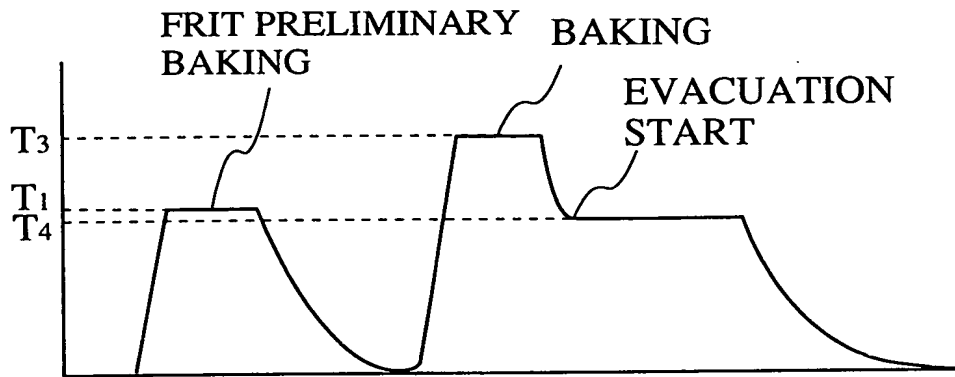


FIG. 13

FIG. 13

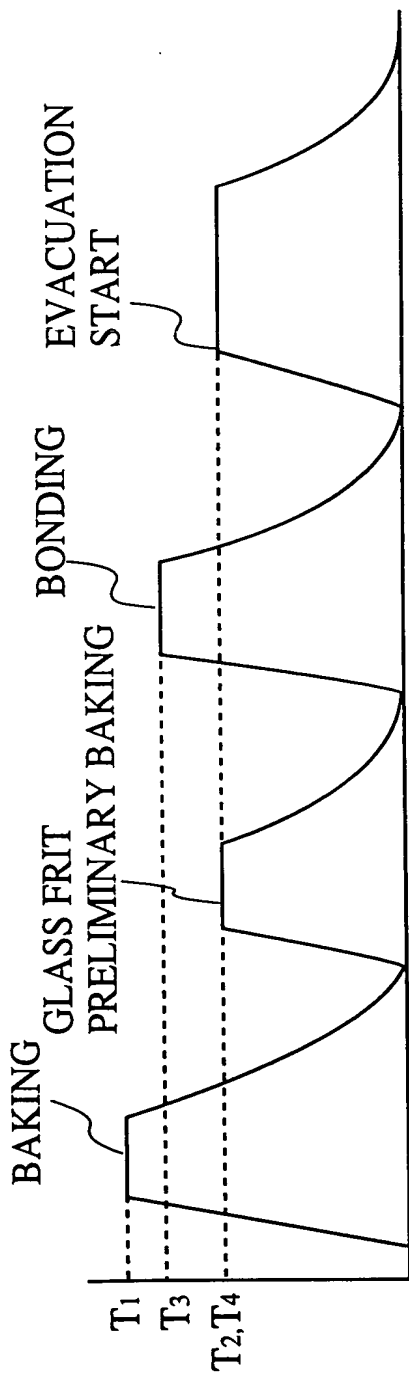


FIG.14

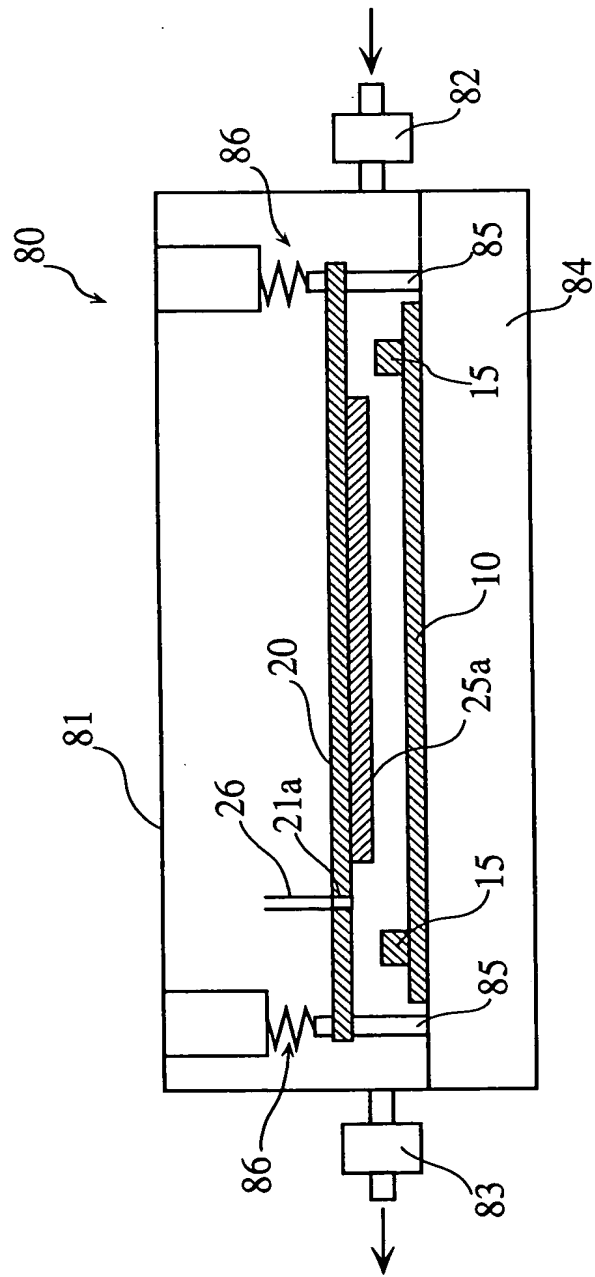


FIG. 15

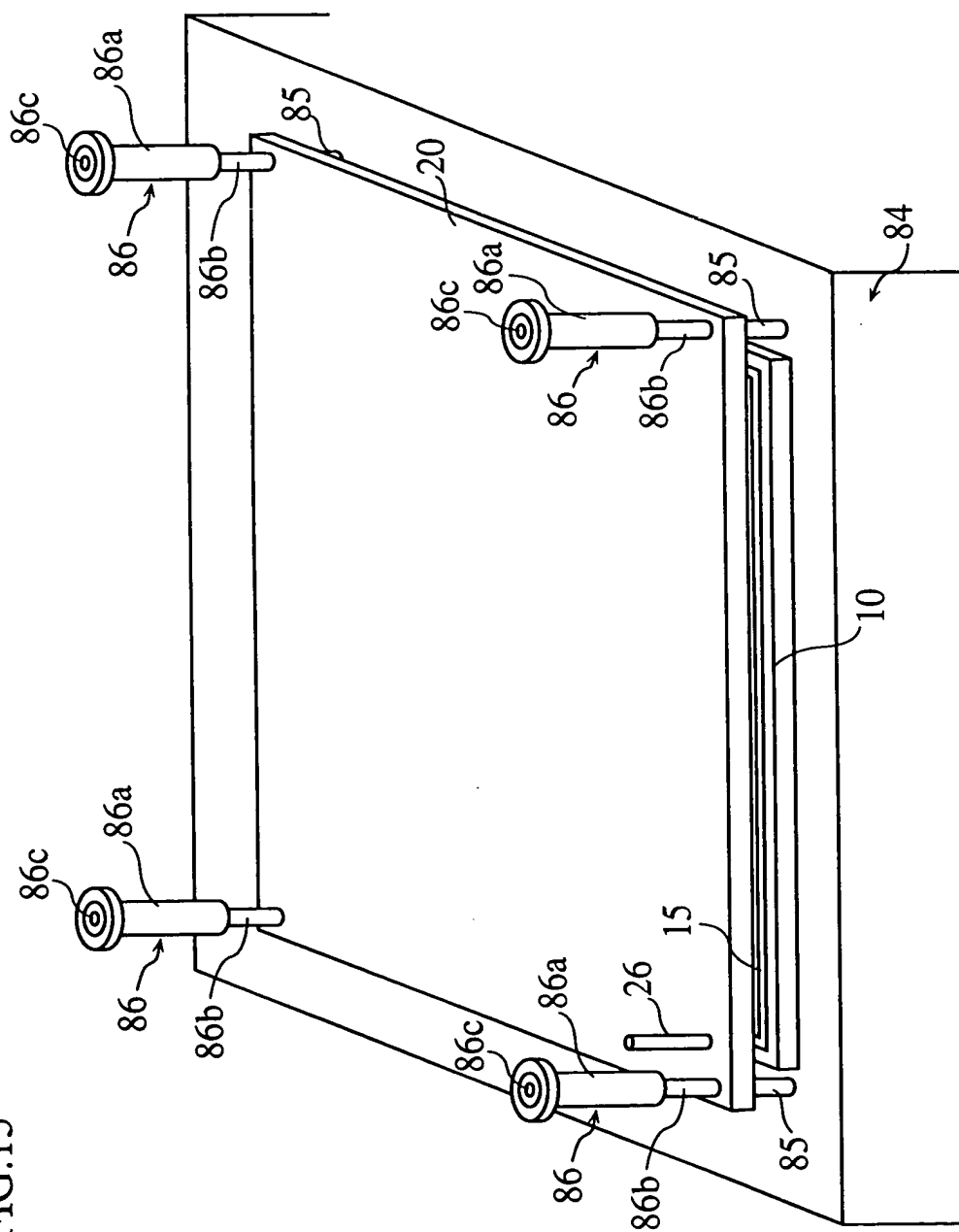


FIG.16A

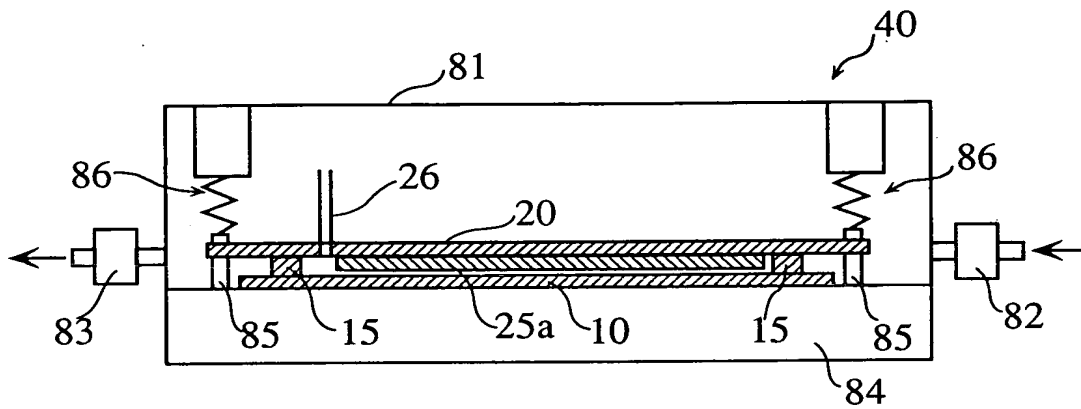


FIG.16B

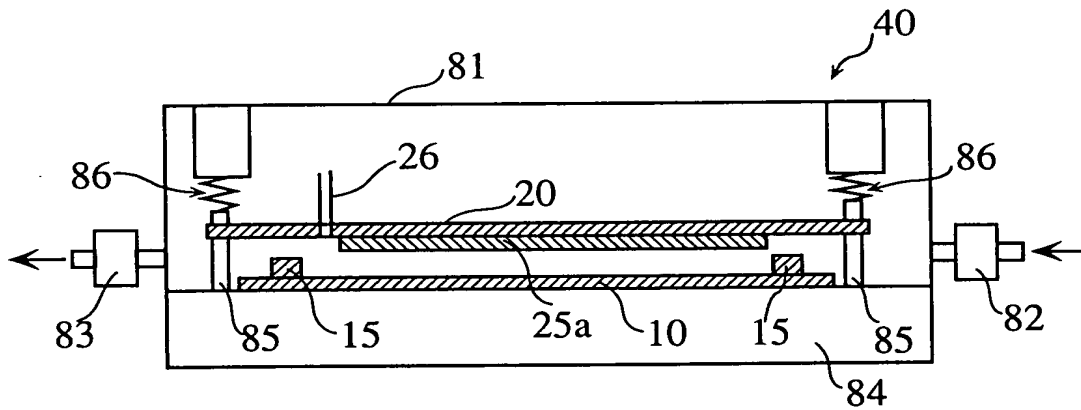


FIG.16C

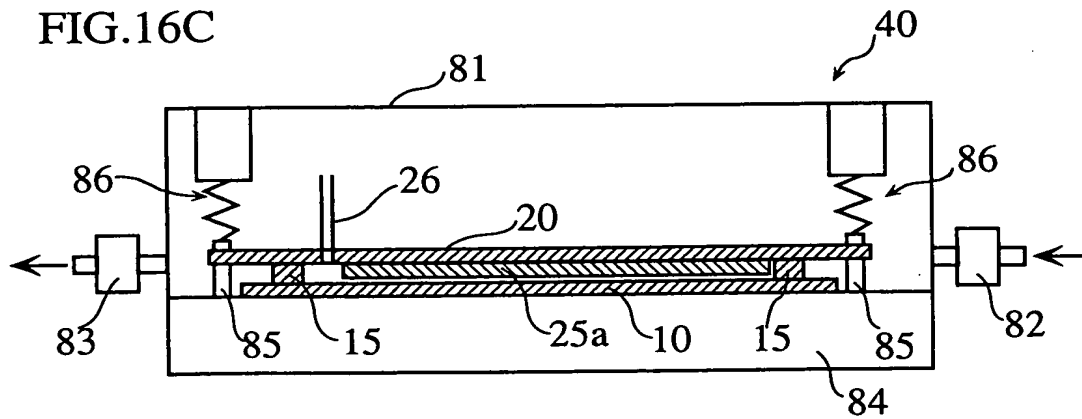


FIG. 17A

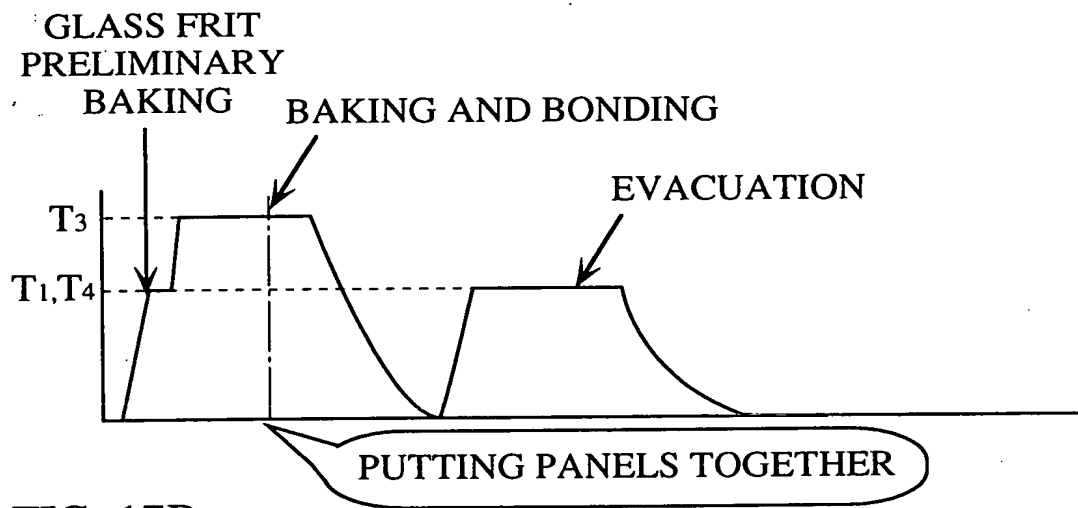


FIG. 17B

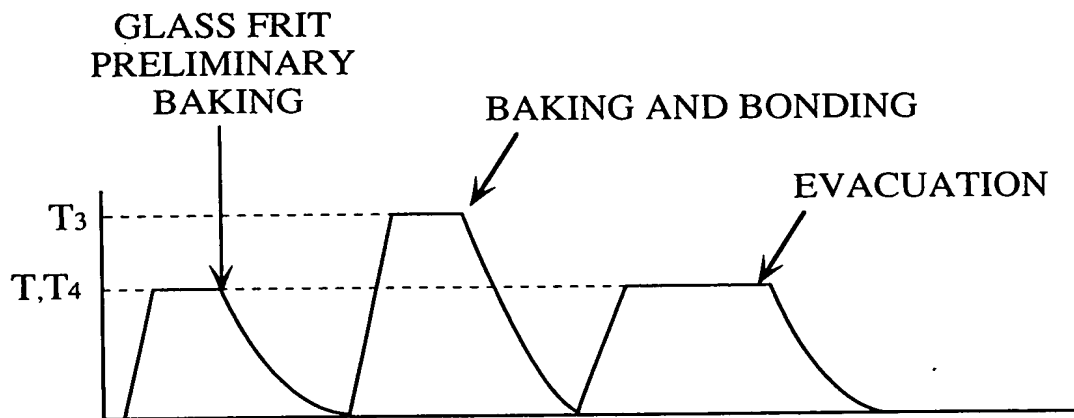


FIG. 18

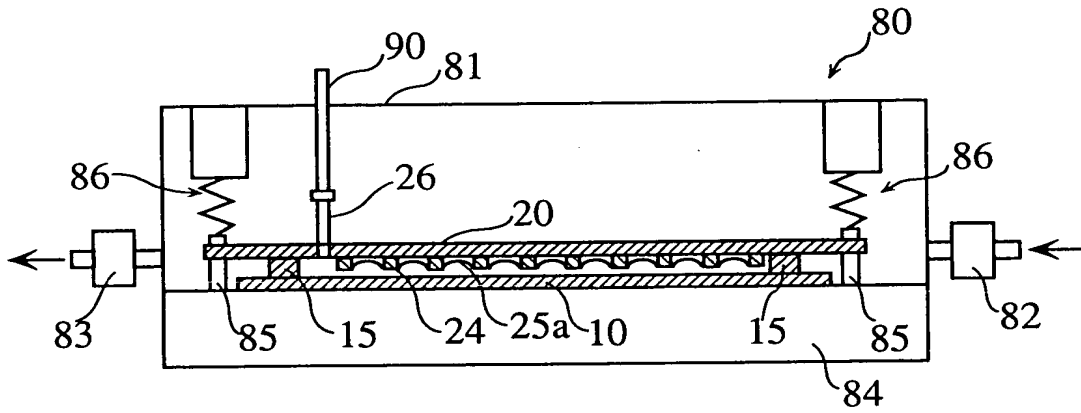


FIG. 18 is a cross-sectional view of the device of FIG. 17, showing the internal components and the housing. The device is shown in a cross-sectional view, with the housing (80) and the internal components (81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100) shown in cross-section. The housing (80) is shown as a rectangular box with a top flange (81) and a bottom flange (82). The internal components (83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100) are shown as various mechanical parts, including a central shaft (90), a spring (86), and a base (84). The device is shown in a cross-sectional view, with the housing (80) and the internal components (81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100) shown in cross-section.

FIG.19A

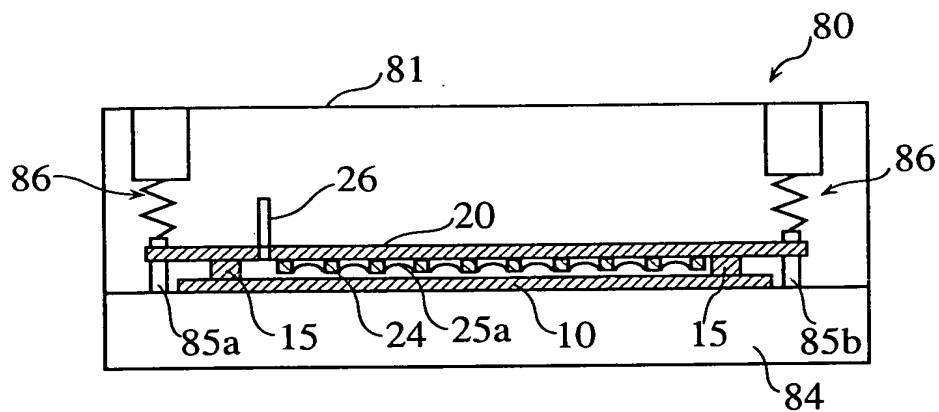


FIG.19B

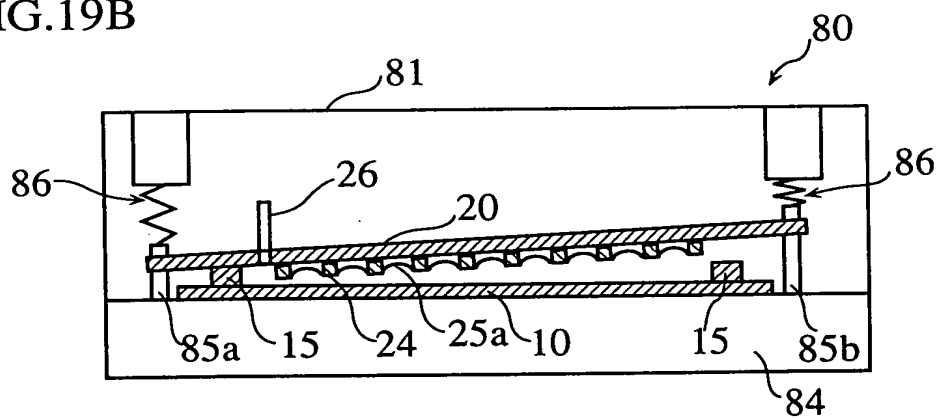


FIG.19C

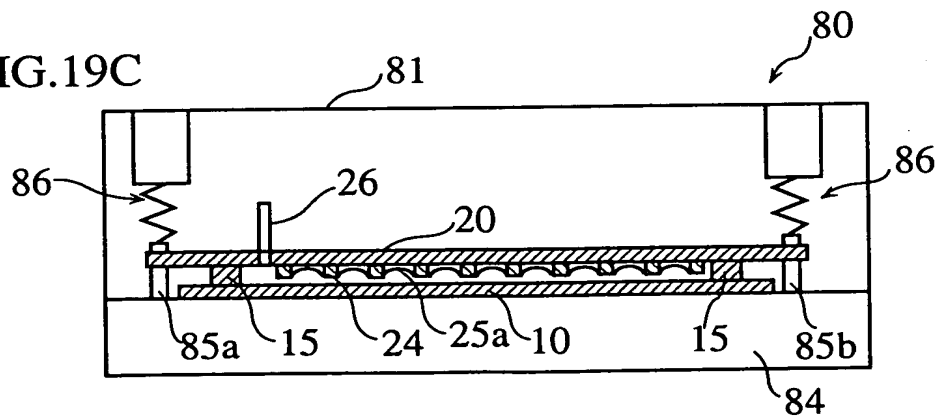


FIG.20

